

# Texas Department of Public Safety Texas Division of Emergency Management

## Texas State Operations Center



### Situation Awareness Brief



Tuesday, December 5<sup>th</sup> 2017  
As of 0900 CST

# Incidents Reported to the State Operations Center (last 24 hours)

DATE	EVENT / INCIDENT	LOCATION (City/County)	Final Report: Y/N
12/04/17	Initial Report of a Natural Gas Leak	City of Cleburne /Johnson County	N
12/04/17	Final Report of a Natural Gas Leak	City of Cleburne /Johnson County	Y
12/04/17	Initial Report of a Road Closure (US 90)	Medina County	N
12/04/17	Final Report of a Boil Water Notice	Anderson County	Y
12/04/17	Silver Alert Activation for the Farmers Branch Police Department	Farmers Branch / Dallas County	N
12/04/17	Final Report of a Road Closure (US 90)	Medina County	Y
12/04/17	Silver Alert Discontinued for the Farmers Branch Police Department	Farmers Branch / Dallas County	Y
12/04/17	Silver Alert Activation for the San Antonio Police Department	San Antonio / Bexar County	N

# Informational Products

## Distributed by the State Operations Center

DATE	SUBJECT
12/04/17	NWS San Angelo- This Weeks Weather
12/04/17	NWS Norman OK- Monday 10 AM Weekly Weather Briefing December 4, 2017
12/05/17	NWS Fort Worth UPDATE: Light Wintry Precipitation Possible across parts of Central Texas Wednesday
12/05/17	FEMA Region 6 Daily Situation Awareness Brief
12/05/17	Daily NWS Threat Brief for Tuesday, December 5, 2017 for FEMA Region 6

# Weather Forecast



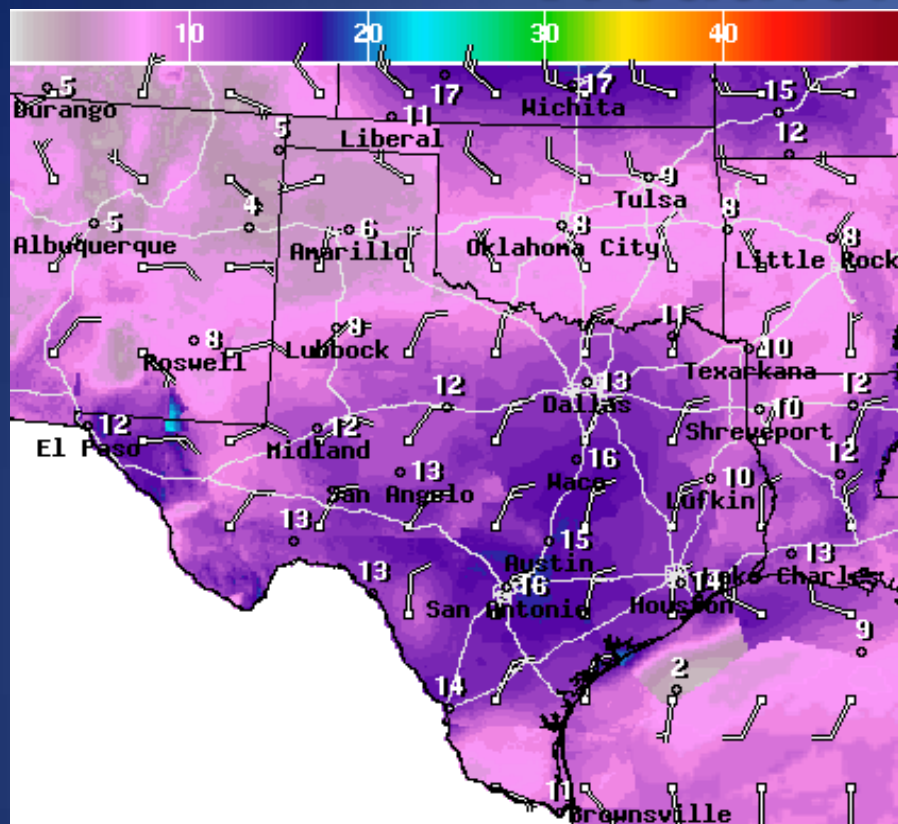
## Highs



## Lows



# Weather Forecast



WindSpd(Kts) & WindDir For Tue Dec 05 2017 4PM EST

(Tue Dec 05 2017 21Z)



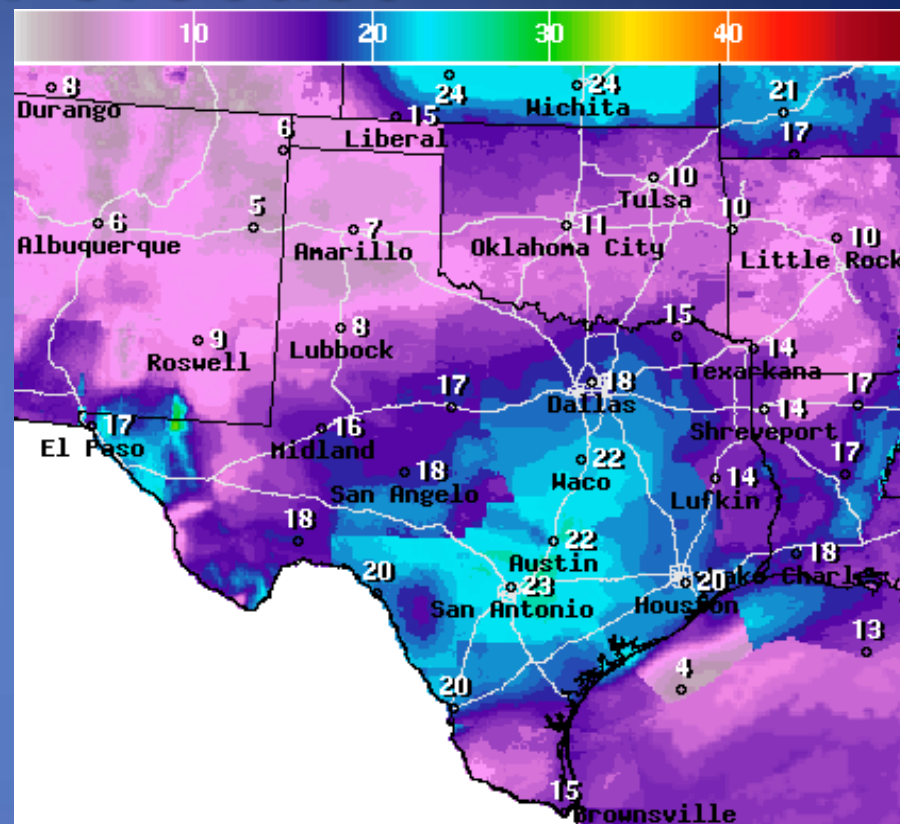
National Digital Forecast Database

05z issuance

Graphic created-Dec 05 12:46AM EST



## Wind Speeds



Wind Gust(Kts) Tue Dec 05 2017 4PM EST

(Tue Dec 05 2017 21Z)



National Digital Forecast Database

06z issuance

Graphic created-Dec 05 1:41AM EST




## Gusts


# Hazardous Weather








# Hazardous Weather

 **Wintry Conditions expected today into Wednesday**  
NWS Lubbock

 Highs today and Wednesday: upper 30s to lower 40s on the Caprock, 40s in the Rolling Plains. Tonight's lows mostly in the 20s

 Light showers will spread east across the area today & tonight, then trend southward on Wednesday. Temperatures near freezing will bring a mix of rain & snow.

 Snowfall will generally only amount to a dusting up to about .5 inches out west, and travel problems aren't expected. There is still a chance of some locally higher amounts in the west.



**Cold air will blanket the southern plains region Today through Thursday before a return to near-normal temperatures Friday. A wintry mix of precipitation is expected today and tonight, with light snow accumulations possible across the west.**

**Winter Storm Watch**  
Weather Forecast Office  
Midland/Odessa, TX  
Issued December 5, 2017 4:24 AM CT

**Wednesday morning - Thursday morning**

**Winter Storm Watch**

**Snow Accumulations...**  
+ 3 to 5 inches with locally higher amounts possible

**Ice Accumulations...**  
+ Up to a tenth of an inch

**Impacts...**  
+ Bridges and overpasses as well as normal roadways will likely become slick and hazardous for travelers. Low visibility.

**Preparedness Actions...**  
+ Prepare for winter driving conditions by reducing speeds and allow for longer stopping distances.

The forecast will likely change and the watch may be expanded to include area farther north?

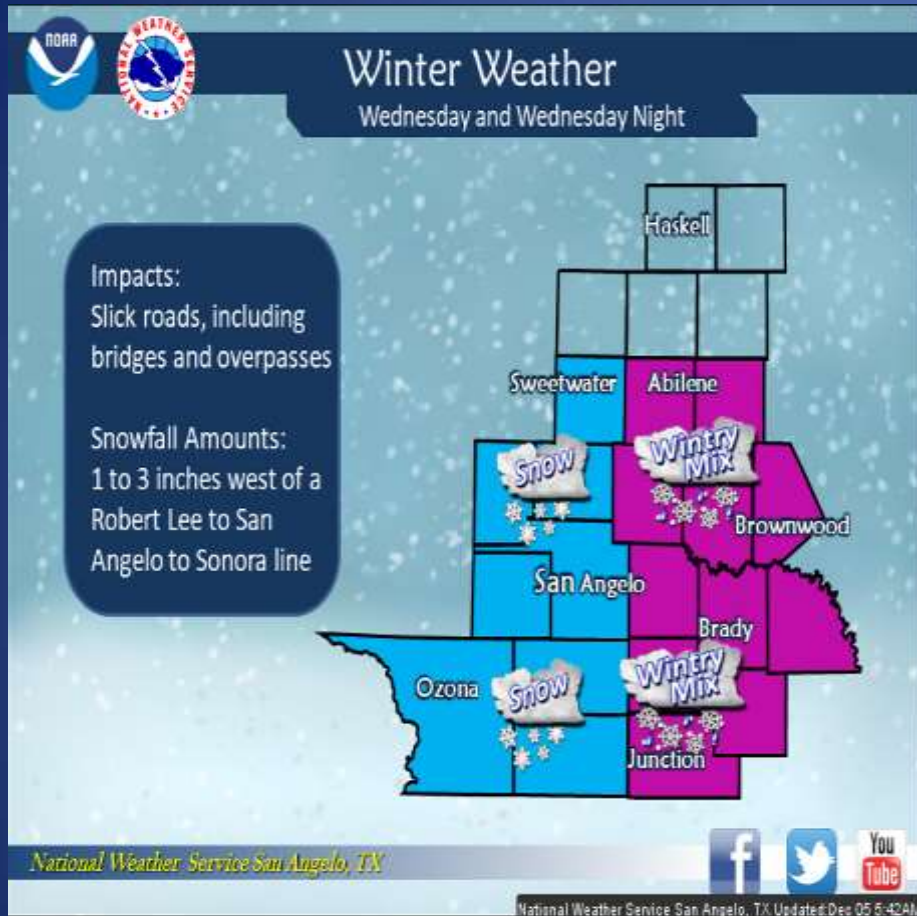


 NWSMidland

weather.gov/maf

**Winter weather is scheduled to arrive Wednesday morning and possibly persist through Thursday morning resulting in snow amounts of 3-5" with local higher amounts. Light ice is possible as well. Some snow is possible outside of the watch area. Stay tuned for possible changes to this forecast later this afternoon.**

# Hazardous Weather



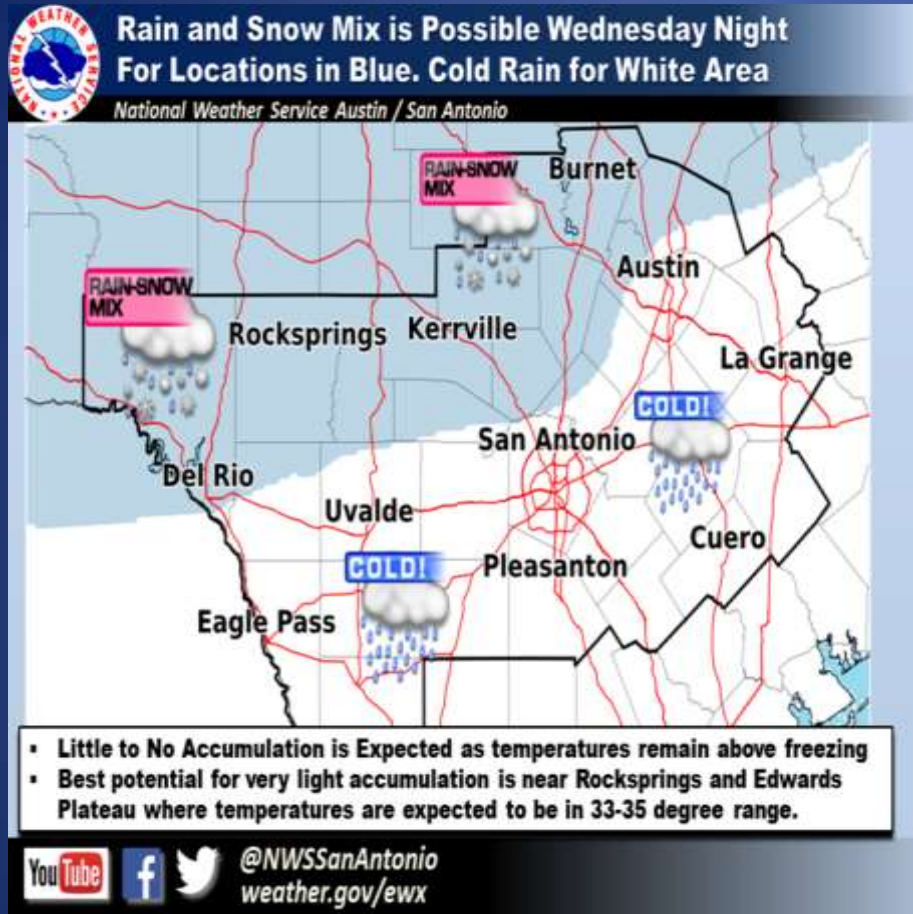
Expect our first shot of winter weather, mainly snow for Wednesday and Wednesday night. We will continue to monitor the situation and update the forecast over the next few days. Stay tuned!



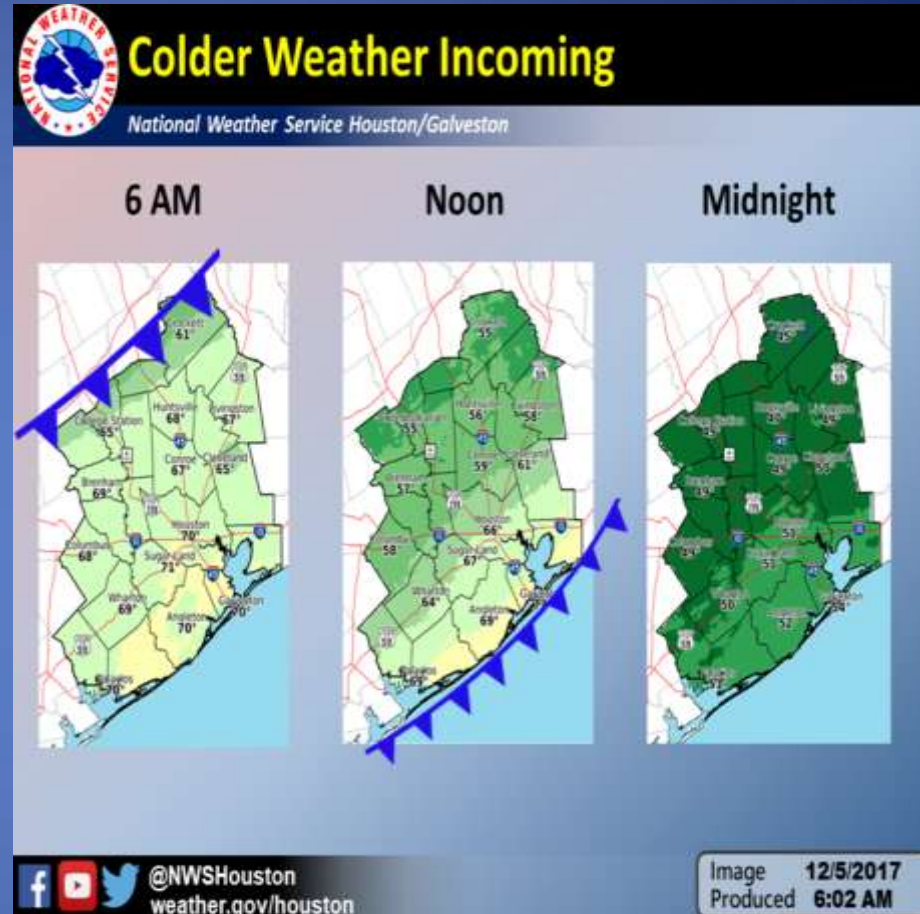
There will be a chance for a light rain/snow mix across western parts of Central TX on Wednesday. Impacts should be very minor with light accumulation of snow on primarily grassy surfaces. Caution is still advised on bridges, overpasses and other elevated surfaces. Otherwise, it'll likely just be a cold rain on Wednesday.



# Hazardous Weather



An upper level disturbance will swing across Texas bringing a chance for a mix of rain and snow across the northern part of our forecast area Wednesday afternoon and night. We expect little or no accumulation over most of the area, but very light accumulation of snow is possible over the Edwards Plateau.



Expect temperatures to become near 25 degrees cooler than they were yesterday as a cold front passes through the area. Temperatures will decrease throughout the day as rain and thunderstorms are possible.

# Hazardous Weather



**Today**

**Warm Early then Cooler with Scattered Showers**



- ☐ Morning fog over inland coastal plains
- ☐ Strong cold front will move through the region by early this afternoon
- ☐ Temperatures falling during the afternoon
- ☐ Isolated thunderstorms possible

Issued at 4:43 AM - December 5, 2017

Fog, dense at times, will be across the coastal plains into the eastern Brush Country early this morning. Warm temperatures will linger over the area this morning before a strong cold front arrives later this morning across the northern counties. The front will be through South Texas by mid afternoon. Scattered showers and isolated thunderstorms will be possible with the front. North winds will increase this afternoon over the waters. A Small Craft Advisory is in effect for the waters this afternoon.



**Strong Cold Front Arrives Tuesday**  
**~30° Change in Daytime Highs**



**National Weather Service**  
**Brownsville/Rio Grande Valley**

**Tuesday:**

**40% Chance of Rain**  
**Afternoon Highs: 76-83°F**

**Tuesday Night:**

**Hazardous Seas & Breezy/Windy**  
**Cloudy with Light Rain or Drizzle**  
**Overnight Lows: 46-55°F**

**Wednesday:**

**Hazardous Seas & Breezy**  
**Cloudy with Light Rain or Drizzle**  
**Afternoon Highs: 48-56°F**  
**Overnight Lows: 40-48°F**

**Thursday:**

**Hazardous Seas**  
**Cloudy with 60% Chance of Rain**  
**Afternoon Highs: 48-53°F**  
**Overnight Lows: 40-45°F**

Big changes are on the way with the arrival of a cold front late in the day on Tuesday. Temperatures will drop quickly behind the cold front and will struggle to make it out of the upper 40s and low to mid 50s on Wednesday and Thursday. That's around a 30 degree difference than the temperatures that are expected prior to the front on Tuesday afternoon. In addition to the colder air, expect overcast skies with chances for mainly light rain. If you haven't yet, it's now time to get the extra blankets and winter clothing out.



# Weather Warning/Advisories Issued

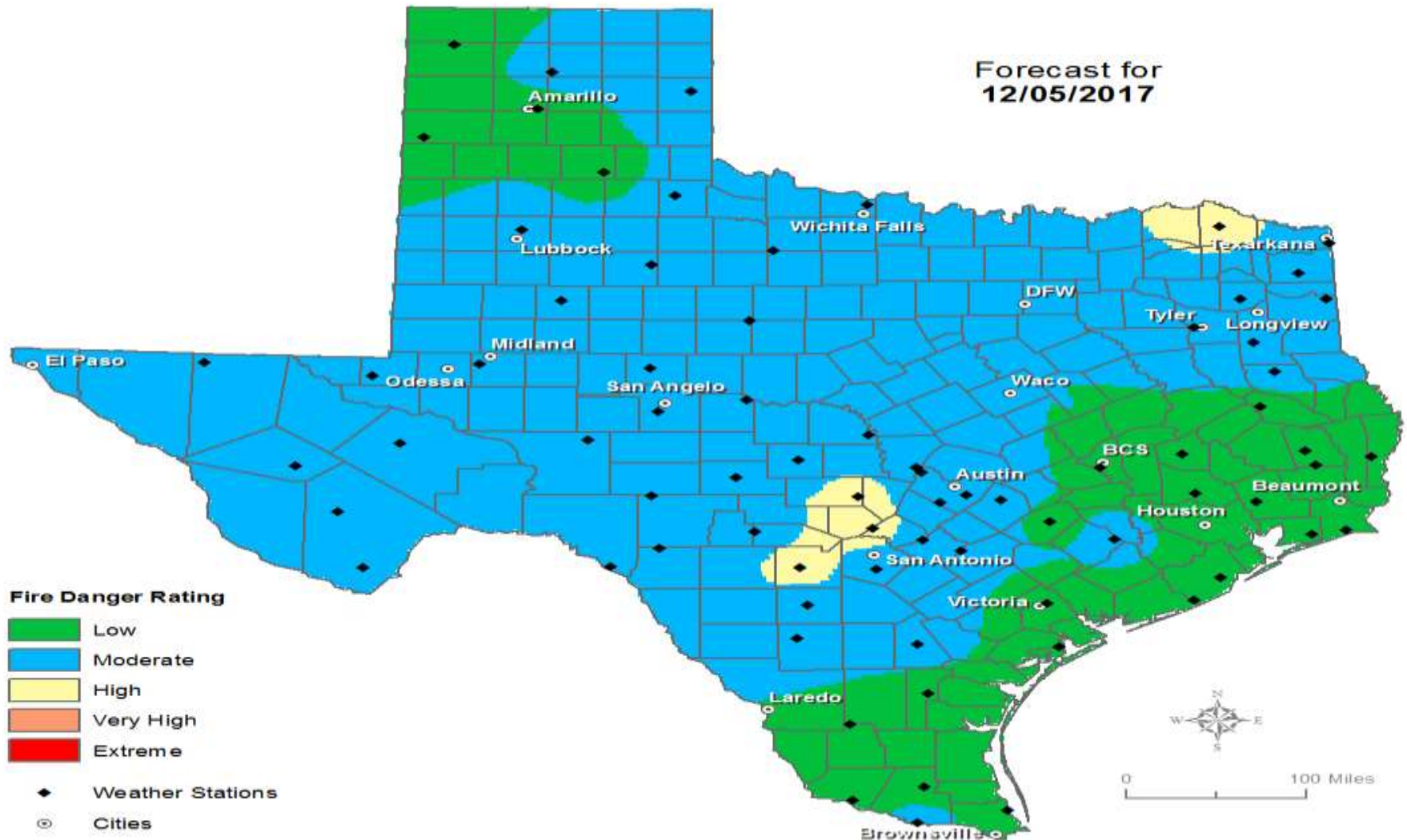
DATE	WARNING TYPE	LOCATION
12/05/17	Dense Fog Advisory	Bee, Calhoun, Duval, Goliad, Jim Wells, Kleberg, Live Oak, McMullen, Nueces, Refugio, San Patricio and Victoria Counties



# Fire Danger Forecast

## Forecast Fire Danger

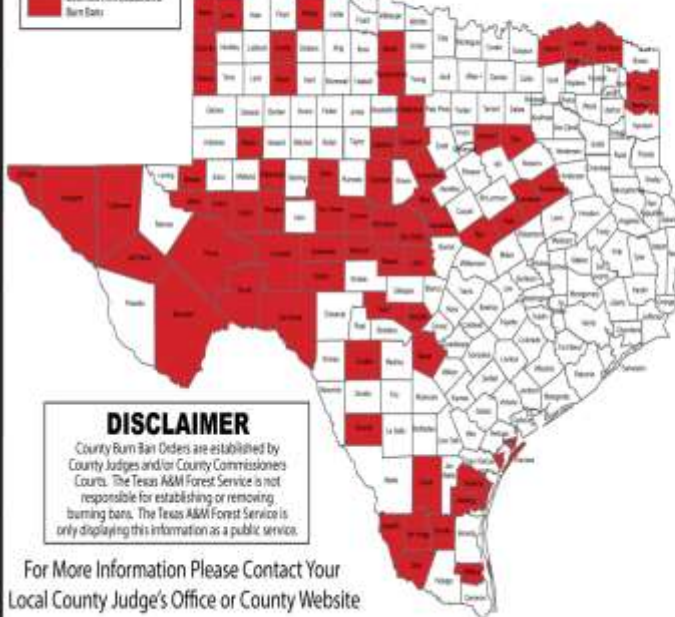
Forecast for  
12/05/2017



# Burn Bans and KBDI INDEX

## OUTDOOR BURN BANS

December 04, 2017



### DISCLAIMER

County Burn Ban Orders are established by County Judges and/or County Commissioners. The Texas A&M Forest Service is not responsible for establishing or removing burning bans. The Texas A&M Forest Service is only displaying this information as a public service.

For More Information Please Contact Your Local County Judge's Office or County Website

RED FLAG WARNINGS: [www.weather.gov](http://www.weather.gov)

Burn Ban RSS feed available at <http://tfsfp.tamu.edu/wildfires/BurnBan.xml>

### Counties with Burn Bans: 76

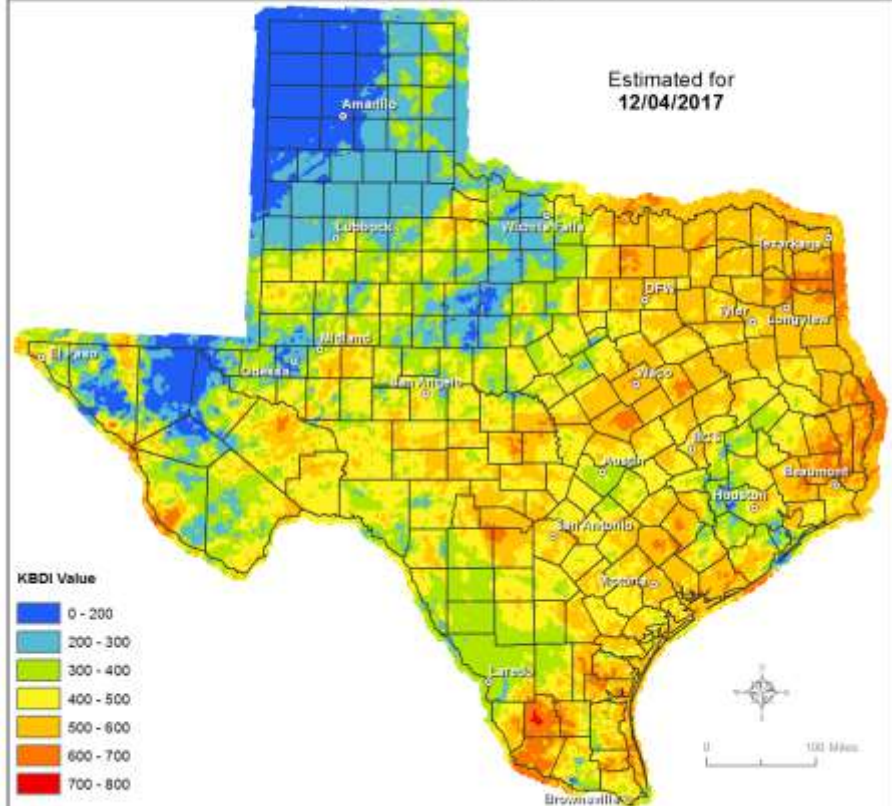
Austin  
Armstrong  
Bailey  
Baylor\*  
Bell  
Brewer  
Brewster  
Brooks  
Callahan  
Cass  
Cochran  
Coke  
Coleman  
Comanche  
Concho  
Crawley  
Crockett  
Crosby  
Culberson  
Deaf Smith  
Dell  
Denton  
Donal  
Eastland  
El Paso  
Ellis  
Falls  
Fannin  
Freestone  
Garza  
Glasscock  
Hudspeth  
Hutchinson  
Jeff Davis  
Jim Hogg  
Johnson\*  
Kendall  
Kent  
Kleberg  
Lamar  
Lamb  
Lampasas  
Limestone  
Llano  
Marion  
Martin  
Mason  
McCluskey  
Menard  
Mills

Moore  
Motley  
Nueces  
Oldham  
Pecos  
Potter  
Randall  
Reagan  
Red River  
San Saba  
Schlesinger  
Starr  
Stephens  
Sutton  
Tarrant  
Throckmorton  
Tom Green  
Upson  
Uvalde  
Val Verde  
Ward  
Wilbrey  
Winkler\*  
Yoakum  
Zapata

## Keetch-Byram Drought Index

(4 km x 4 km resolution)

Estimated for  
12/04/2017



### KBDI Value

0 - 200  
200 - 300  
300 - 400  
400 - 500  
500 - 600  
600 - 700  
700 - 800

TEXAS A&M  
AGRI LIFE  
RESEARCH

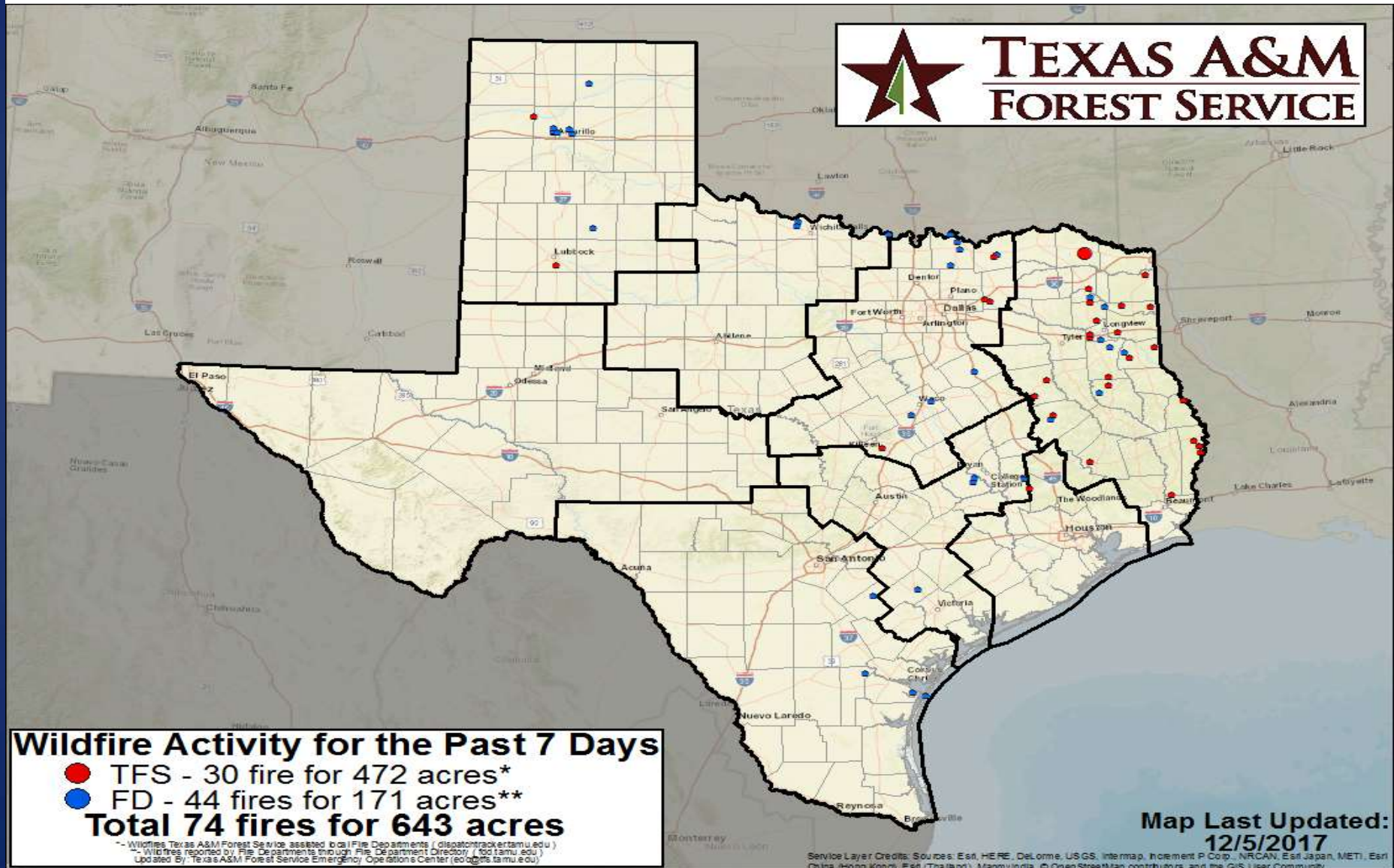
Produced by TAMU Spatial Sciences Laboratory  
in partnership with Texas A&M Forest Service

TEXAS A&M  
FOREST SERVICE



# Fire Activity (\*Last 24 Hours)

Reports 828 (+12) fires and 662,420 (+65) acres destroyed this year. There are 76 (+1) counties with burn bans. The Keetch-Byram Drought Index list 161 (-1) counties with an average over 400.





# Training

DATES		TITLE	COURSE	LOCATION
10/24/17	12/14/17	Community Emergency Response Team (CERT) Course	G-317	Laredo
12/01/17	12/09/17	Community Emergency Response Team (CERT) Course	G-317	Laredo
12/04/17	12/05/17	Critical Asset Risk Management	MGT-315	Denton
12/04/17	12/05/17	Intermediate Incident Command System for Expanding Incidents	G-300	Huffman
12/04/17	12/06/17	Medical Management of Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) Events	PER-211	College Station
12/04/17	12/08/17	NFPA 472 HazMat Technician - Pro-Board Certification	H-501	Cibolo
12/05/17	12/06/17	INDIRECT DELIVERY - Homeland Security Exercise and Evaluation Program (HSEEP) Basic Course	L-146	Austin
12/05/17	12/06/17	Disaster Management for Water and Wastewater Utilities	MGT-343	League City

# Training

DATES		TITLE	COURSE	LOCATION
12/05/17	12/06/17	Disaster Preparedness for Hospitals and Healthcare Organizations Within the Community Infrastructure	MGT-341	Dickinson
12/05/17	12/07/17	NIMS ICS All-Hazards Type III Communications Unit Leader (COML)	E/L-969	El Paso
12/05/17	12/08/17	NFPA 1006 2013 Edition Confined Space Rescue Levels I and II Training (Pro-Board Certificates)	H-503	Corpus Christi